

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Pugh et al.	Application No.: 10/784,600
Patent No.: 7,299,454	<b>REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.323</b>
Issued: Nov. 20, 2007	

Commissioner for Patents  
Office of Patent Publications  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Ma'am:

Pursuant to 37 CFR § 1.323, Applicant submits a Certificate of Correction correcting clerical errors or mistakes minor in character in the printed patent. The desired correction is set forth on the enclosed form PTO/SB/44.

These corrections do not involve changes, which would (1) constitute new matter or (2) require reexamination. *In re Arnott*, 19 USPQ 2d 1049, 1052 (Comm'r Pat. 1991).

The errors sought to be corrected were made by:

- ☐ the Patent and Trademark Office. Thus, no fee is required for the Certificate of Correction pursuant to 37 CFR §1.322.
- ☒ Applicant(s) (at least in part). Please charge the fee, as set forth in § 1.20(a), to Deposit Account 150635.

Patent No. 7,299,454

Request for Certificate of Correction

Please direct all inquiries concerning this request to the undersigned attorney at  
Telephone number 408-236-6687.

Respectfully submitted,  
MAHAMED PARADICE KREISMAN, LLP



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Date: 2/3/2010

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Attachment

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,299,454

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APPLICATION NO.: 10/784,600

ISSUE DATE : Nov. 20, 2007

INVENTOR(S) : Pugh et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 3, in column 1, under "Other Publications", line 23, delete "Llanguage" and insert - - Language - -, therefor.

In column 5, line 5, delete "(LanguageLxt," and insert - - "(LanguageExt, - -, therefor.

In column 7, line 20, delete "scenanos." and insert - - scenarios. - -, therefor.

In column 8, line 21, after "SUPPORT" insert - - . - -.

In column 7-8, line 50, delete "runningq" and insert - - running - -, therefor.

In column 7-8, line 60, delete "lanuguage" and insert - - language - -, therefor.

In column 9-10, line 29, delete "yeilds." and insert - - yields. - -, therefor.

In column 11-12, line 54, delete "languagey" and insert - - language - -, therefor.

In column 15-16, line 78, delete "lanuguage" and insert - - language - -, therefor.

In column 17-18, line 23, delete "passingit" and insert - - passing it - -, therefor.

In column 17-18, line 24, delete "IScript" and insert - - IScript - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Oracle Corporation  
Legal (M/S 5op7)  
500 Oracle Parkway  
Redwood Shores, CA 94065

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2*

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,299,454

Page 2 of 2

APPLICATION NO.: 10/784,600

ISSUE DATE : Nov. 20, 2007

INVENTOR(S) : Pugh et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 17-18, line 35, delete "lang\_Ext" and insert -- langExt --, therefore.

In column 17-18, line 72, delete "SUPPOPT" and insert -- SUPPORT --, therefore.

In column 19-20, line 76, delete "language" and insert -- language --, therefore.

In column 23-24, line 27, after "Variable" insert - - - -.

Message	Sender	Message	Parameters
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In column 23-24, line 47, above " " insert -- **Network Messages**

As has already been discussed, some embodiments use facilities in the runtime messaging environment to perform debugging operations on network messages. This capability is demonstrated here by example shown in the table below developed using the JAVA™ language. In another embodiment, method calls may be made via the native debugging infrastructure JDI. Methods are called on the ScriptController via JDI to do continues and other such tasks. Breakpoints are executed by hitting actual JAVA™ breakpoint and are then translated in the proxy to script breakpoint. Thus, breakpoints reduce to java breakpoints. JDI sends a message to the proxy in the underlying JDI protocol. For example, a packet may be sent from the server to the proxy that includes meta-data for a scripting language. The meta-data is used to determine whether to treat the language as a scripting language or to treat the language as a native language. It will be understood that the invention is equally applicable to any programming language. This example is presented for illustrative purposes only and is not meant to limit the scope, functionality or spirit of any particular embodiment of the invention. - -

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